

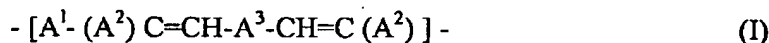
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512667-3479.2AMENDMENTS TO THE CLAIMS

Please amend the claims without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

In the Claims:

Claims 1-10 (cancelled)

11. (currently amended) An electroluminescent material comprising a polymer containing structural units of the formula (I)

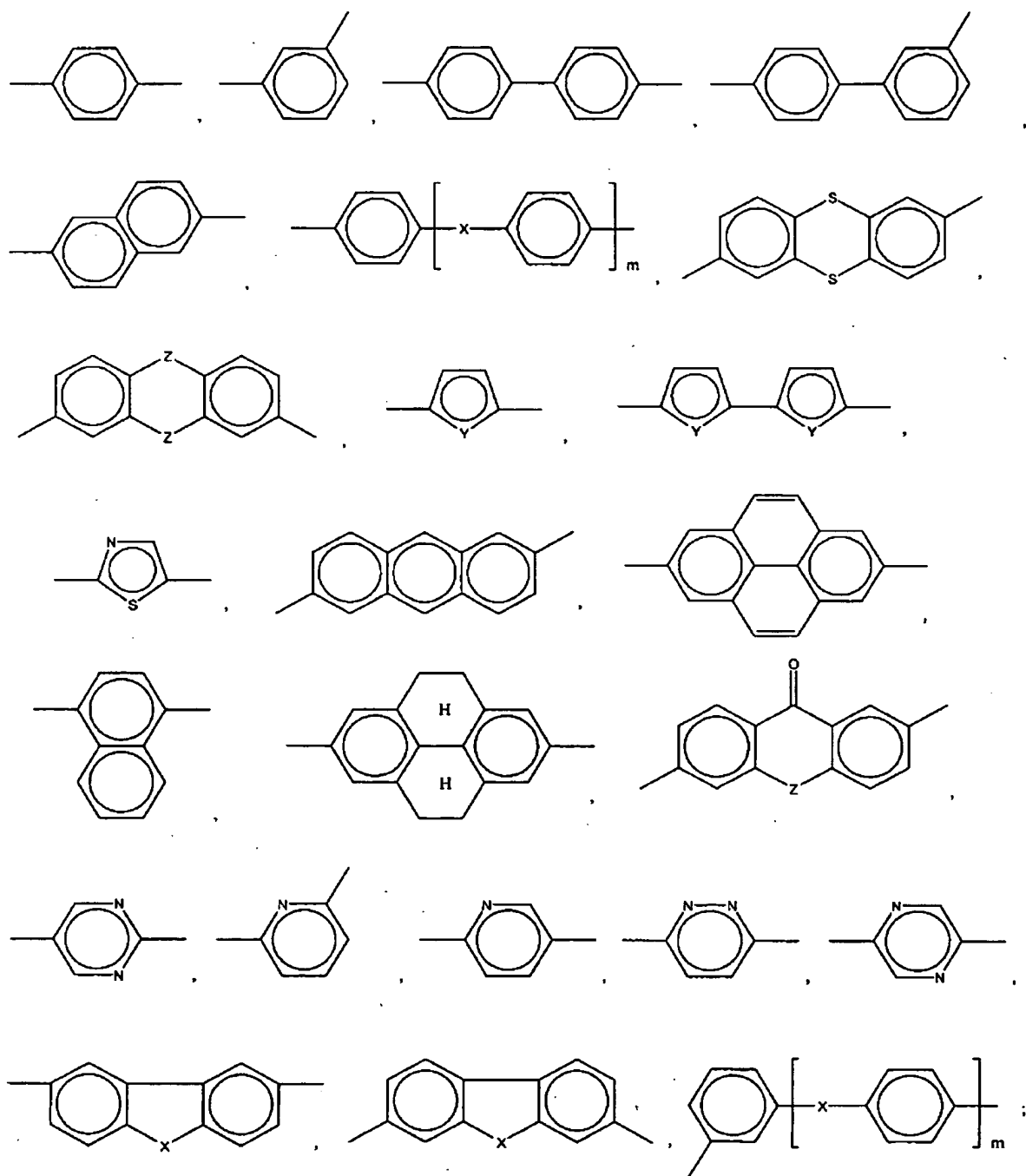


in which A^1 , A^2 and A^3 are identical or different mono- and/or polynuclear aryl and/or heteroaryl groups which are optionally linked via one or more bridges, and/or fused and can optionally be substituted, ~~and in which in each case two bonds originate from A^1 and A^3 and in each case one bond originates from A^2 .~~

12. (previously presented) The electroluminescent material as claimed in claim 11, wherein the polymer contains 2 to 1000 structural units of the formula (I).
13. (previously presented) The electroluminescent material as claimed in claim 11, wherein the symbols in the formula (I) - $[A^1 - (A^2) C=CH-A^3-CH=C (A^2)] - (I)$ have the following meaning:

A^1 , A^3 : are identical or different and are selected from

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where $m = 1$ to 20,

A^2 : has the same meanings as A^1 and A^3 and is identical to or different from A^1 and

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A³, of the two possible bonding sites to the polymer, in each case only one being realized;

A¹, A² and A³ can be substituted here independently of one another by one or more radicals R;

X: a single bond, -O-, -S-, -SO-, -SO₂-, -CRR-, -CR=CR-, ~~-CH₂-CH₂-~~ ~~-CH₂-CH₂-~~ or -CHR-CHR-;

Y: -O-, -S- or -NR'-;

Z: identical or different -O- or -S-;

R: identical or different at each occurrence and being H or an alkyl group having 1 to 12 carbon atoms, it also being possible for one or two non-adjacent CH₂ groups to be replaced by -O-, -S-, -CO-, -CO-O-, -O-OC- or -Si(CH₃)₂-, ~~CF₃-, Ph-, O-Ph-,~~
~~S-Ph-, SO-Ph-, SO₂-Ph-, F-, Cl-, Br-, I- or -CN;~~

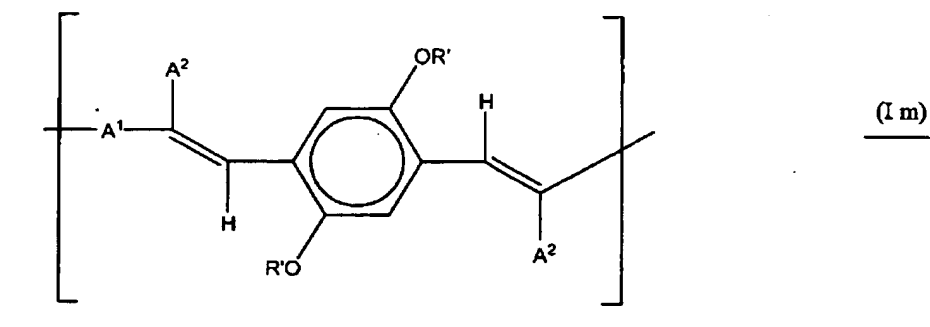
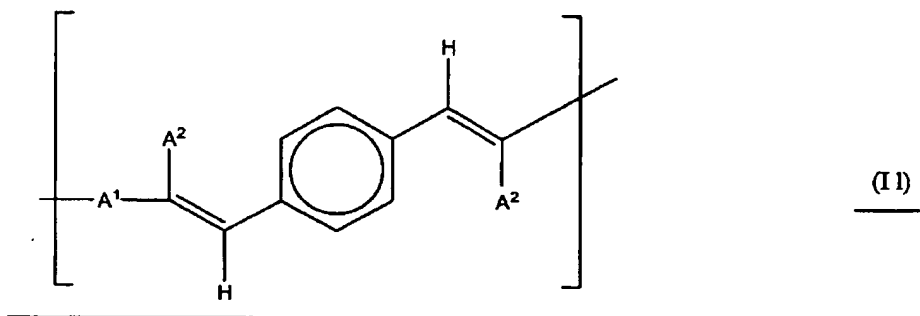
R': H, an alkyl group having 1 to 12 carbon atoms or -Ph.

14. (cancelled)

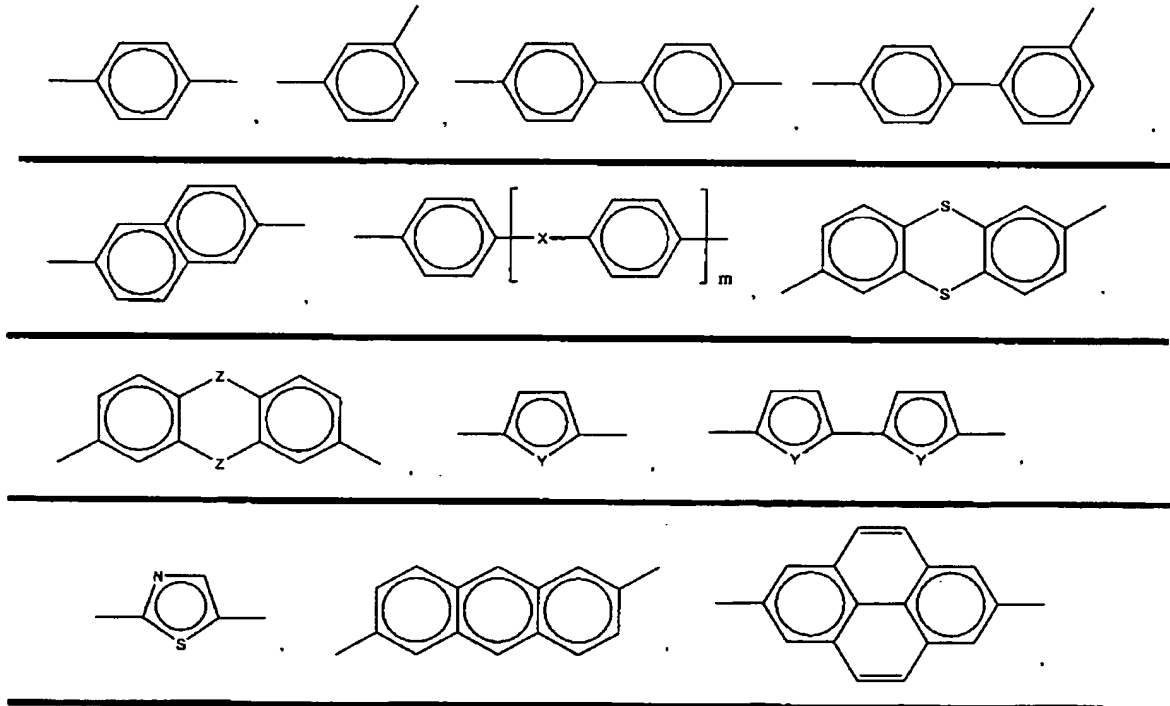
15. (cancelled)

16. (currently amended) The electroluminescent material as claimed in claim 11, ~~comprising a copolymer containing structural units of the formula (I) wherein the polymer~~
containing structural units of the formula (I) originates from the group (I l) or (I m):

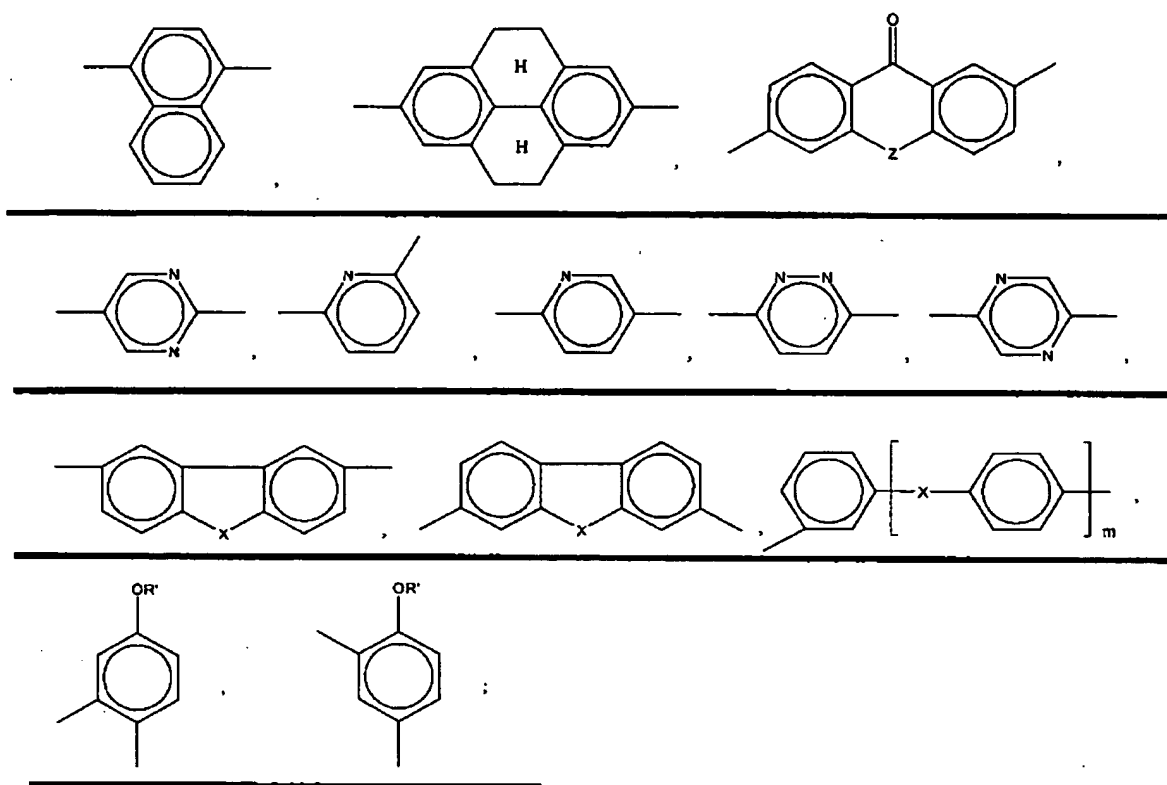
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wherein A^1 is selected from:



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where $m = 1$ to 20.

A^2 : has the same meanings as A^1 and is identical to or different from A^1 , of the two possible bonding sites to the polymer, in each case only one being realized;

A^1 and A^2 can be substituted here independently of one another by one or more radicals R;

X: a single bond, -O-, -S-, -SO-, -SO₂-, -CRR-, -CR=CR-, -CH₂-CH₂- or -CHR-CHR-;

Y: -O-, -S- or -NR'-;

Z: identical or different -O- or -S-;

R: identical or different at each occurrence and being H or an alkyl group having 1 to

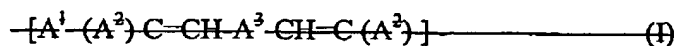
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12 carbon atoms, it also being possible for one or two non-adjacent CH₂ groups to be replaced by -O-, -S-, -CO-, -CO-O-, -O-OC- or -Si(CH₃)₂-;

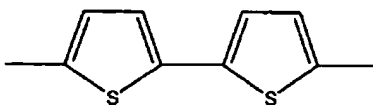
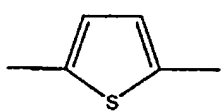
R': are independently, H, an alkyl group having 1 to 12 carbon atoms or -Ph.

17. (currently amended) ~~An electroluminescent material comprising one or more polymers containing structural units of the formula (I) as claimed in claim 11~~ The electroluminescent material of claim 16, wherein at least one of the radicals A¹ and/or A² must be a heterocyclic radical.

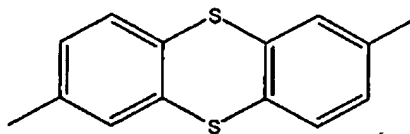
18. (currently amended) ~~A polymer containing structural units of the formula (I)~~



~~in which A¹, A² and A³ are identical or different mono and/or polynuclear aryl and/or heteroaryl groups which are optionally linked via one or more bridges, and/or fused and can optionally be substituted, and in which in each case two bonds originate from A¹ and A³ and in each case one bond originates from A²;~~
with the proviso that The electroluminescent material of claim 17, wherein the one of the radicals A¹, A² or A³ must be a heterocyclic radical is selected from the group consisting of:



and

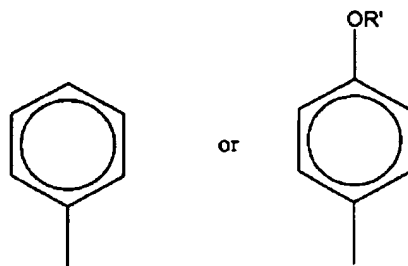


where optionally, one of the bonds is not realized.

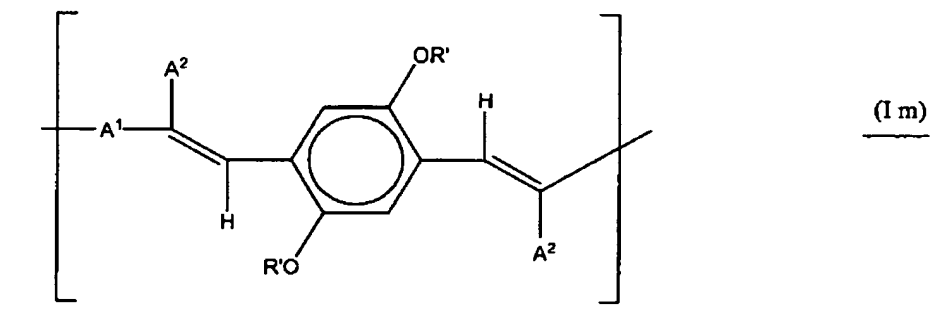
19. (currently amended) ~~An electroluminescent device having one or more active layers, wherein at least one of these active layers comprises a polymer~~ an electroluminescent material as claimed in claim 11 as electroluminescent material.

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20. (currently amended) The electroluminescent material as claimed in claim 16, wherein A² is: 11 wherein A¹, A², and A³ are linked via one bridge

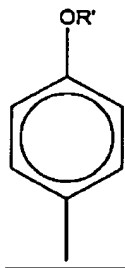


21. (currently amended) The electroluminescent material as claimed in claim 16, wherein the polymer containing structural units of the formula (I) originates from the group (I m):



and R' is CH₃ or C₈H₁₇, 13, wherein m is 1, 2 or 13.

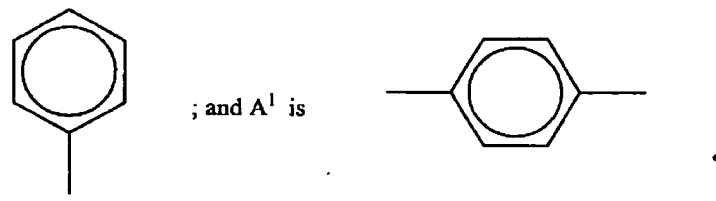
22. (currently amended) The electroluminescent material as claimed in claim 20, wherein A² is:



and R' for A² is CH₃ or C₆H₅, 13, wherein m is 1.

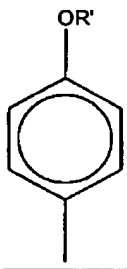
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23. (currently amended) The electroluminescent material as claimed in claim ~~13~~, wherein ~~for A³, m > 1~~ 20, wherein A² is



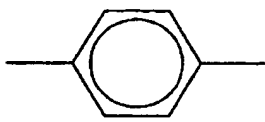
24. (currently amended) The electroluminescent material as claimed in claim 22, wherein

A² is:



and R' for A² is CH₃; and

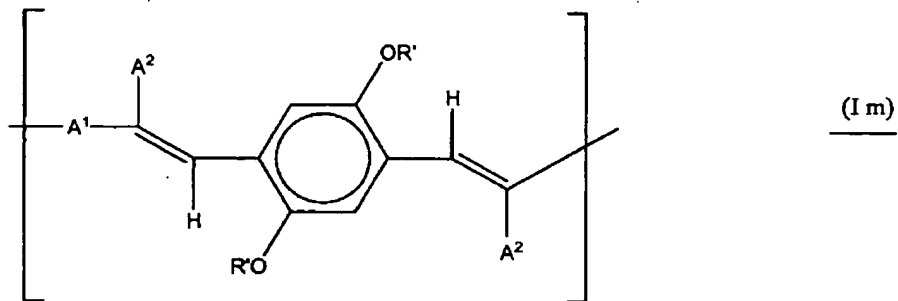
A¹ is:



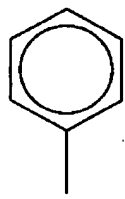
14, wherein m is 1, 2 or 3.

25. (currently amended) The electroluminescent material as claimed in claim ~~14~~, wherein ~~m~~ is 1 21, wherein the polymer containing structural units of the formula (I) originates from the group (I m):

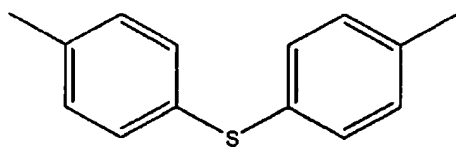
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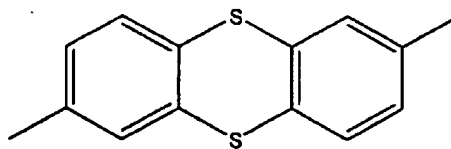
wherein A^2 is:



and A^1 is:

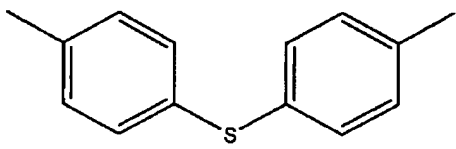


or



and R' is C_8H_{17} .

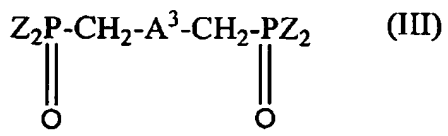
26. (currently amended) The electroluminescent material as claimed in claim 14, ~~wherein R~~
is H 25, wherein A^1 is:



27. (currently amended) The electroluminescent material as claimed in claim 14, ~~wherein~~
for A^3 , $m > 1$ 25, wherein A^1 is:

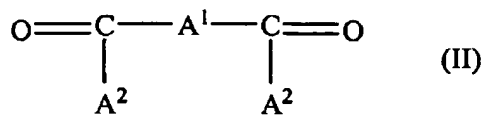
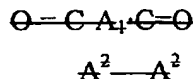
- *c1ccc(cc1)-c2ccc(cc2)C(=C)c3ccc(cc3)C(=C)c4ccccc4

-

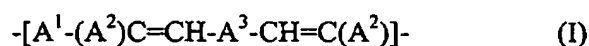


PAGE 15/23 * RCVD AT 3/18/2005 5:14:13 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:212 588 0500 * DURATION (mm-ss):05-58

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under the action of a basic condensing agent, providing a polymer containing structural units of the formula (I)



in which A^1 , A^2 and A^3 are identical or different mono- and/or polynuclear aryl and/or hetero-aryl groups which are optionally linked via one or more bridges, and/or condensed and can optionally be substituted, and in which in each case two bonds originate from A^1 and A^3 and in each case one bond originates from A^2 ; and wherein Z is selected from the group consisting of alkoxy and aryl radicals; and

b) applying the resulting polymer to a substrate.